

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056198.D
 Acq On : 11 Nov 2023 02:39
 Operator : MD/SY
 Sample : 05339-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 03:44:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

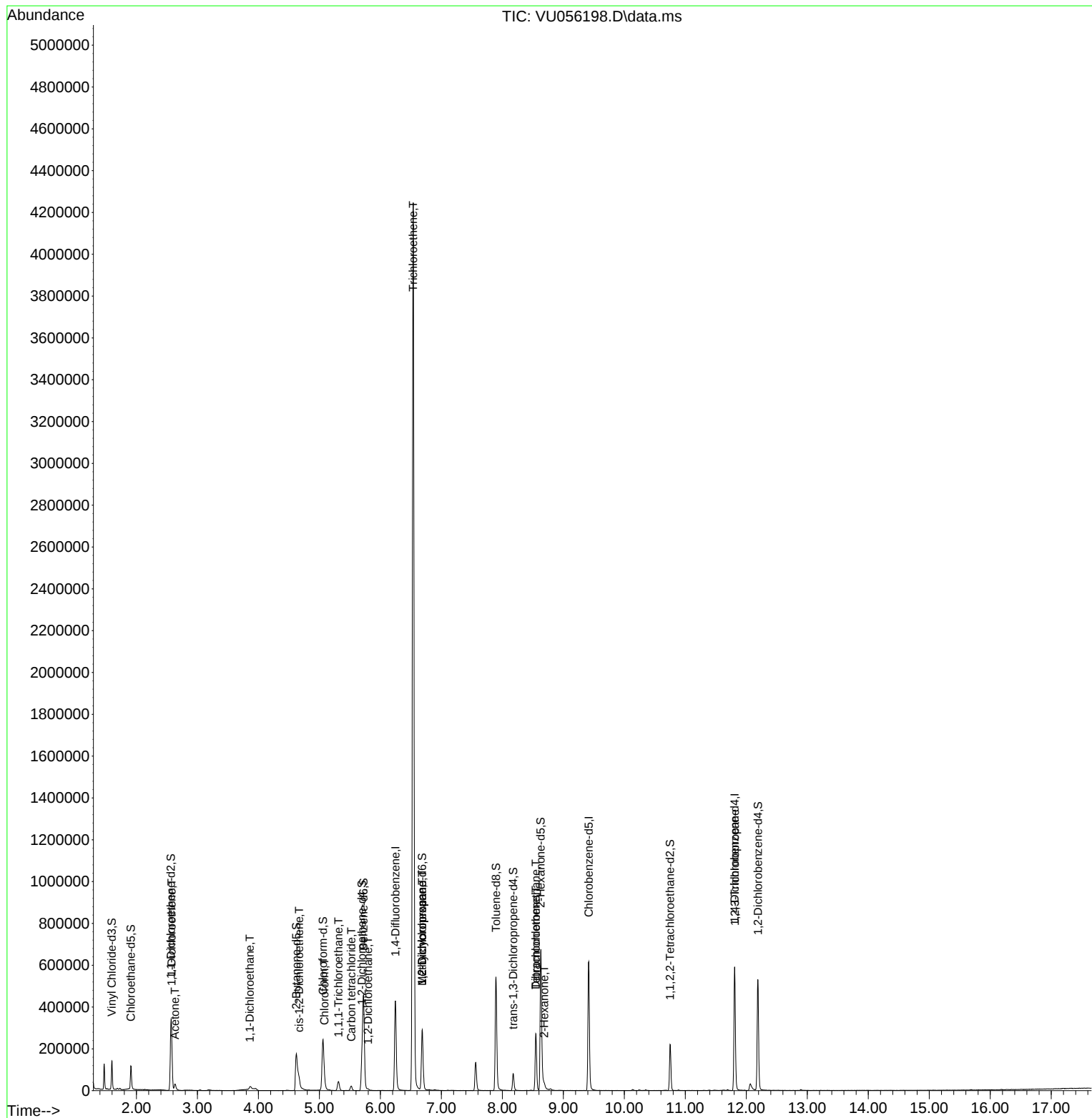
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	368500	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	370636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	167396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98665	4.314	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.908	69	81459	5.248	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.563	65	45861	4.551	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.000%	
20) 2-Butanone-d5	4.621	46	275636	73.456	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	146.920%#	
24) Chloroform-d	5.059	84	230593	5.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.695	65	110030	5.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
32) Benzene-d6	5.721	84	453400	5.093	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.686	67	143038	5.459	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.200%	
41) Toluene-d8	7.894	98	389292	4.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.177	79	49061	4.898	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.000%	
46) 2-Hexanone-d5	8.628	63	236827	72.139	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	144.280%#	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	113753	6.082	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.600%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	148147	5.739	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	61368	2.591	ug/L #	71
13) Acetone	2.631	43	42080	15.206	ug/L	100
19) 1,1-Dichloroethane	3.859	63	15143	0.331	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	21925	0.809	ug/L	99
25) Chloroform	5.081	83	28623	0.587	ug/L	97
27) 1,2-Dichloroethane	5.795	62	4119	0.149	ug/L #	95
29) 1,1,1-Trichloroethane	5.313	97	33444	0.788	ug/L	99
31) Carbon tetrachloride	5.522	117	15421	0.409	ug/L	99
34) Trichloroethene	6.538	95	1522723	52.529	ug/L	97
35) Methylcyclohexane	6.682	83	33863	0.786	ug/L #	19
37) 1,2-Dichloropropane	6.686	63	14867	0.539	ug/L #	88
47) Tetrachloroethene	8.550	164	61673	2.835	ug/L	95
48) 2-Hexanone	8.685	43	12516	1.424	ug/L #	95
49) Dibromochloromethane	8.547	129	62048	2.866	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	18128	1.255	ug/L #	68

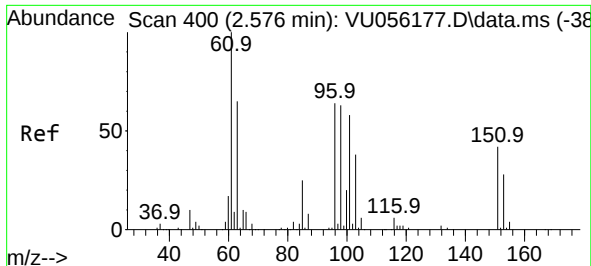
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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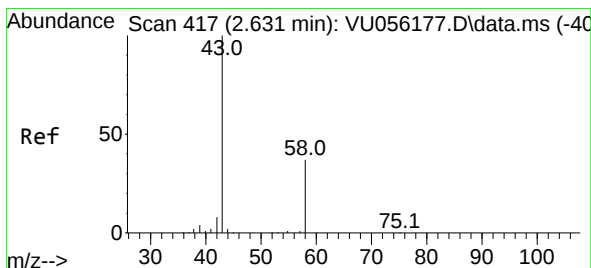
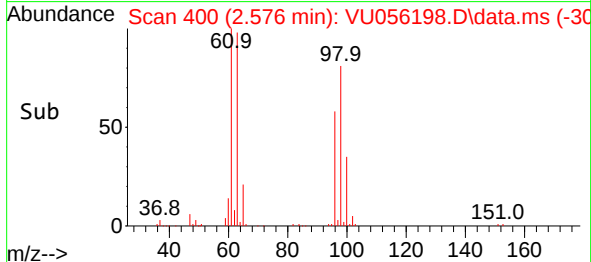
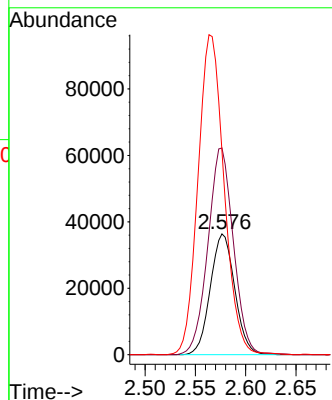
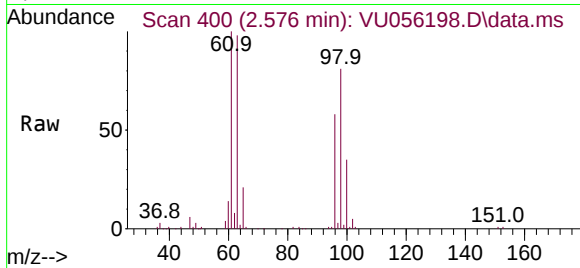




#12
1,1-Dichloroethene
Concen: 2.591 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056198.D
Acq: 11 Nov 2023 02:39

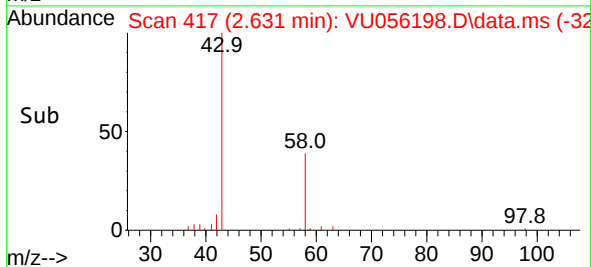
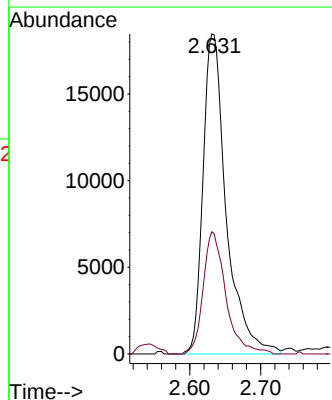
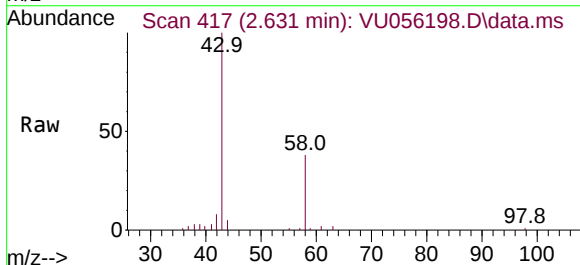
Instrument :
MSVOA_U
ClientSampleId :

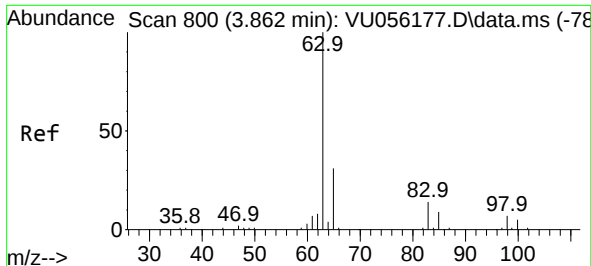
Tgt Ion: 96 Resp: 61368
Ion Ratio Lower Upper
96 100
61 171.3 111.7 207.5
63 168.6 74.5 138.3#



#13
Acetone
Concen: 15.206 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.000 min
Lab File: VU056198.D
Acq: 11 Nov 2023 02:39

Tgt Ion: 43 Resp: 42080
Ion Ratio Lower Upper
43 100
58 37.1 0.0 74.4





#19

1,1-Dichloroethane

Concen: 0.331 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU056198.D

Acq: 11 Nov 2023 02:39

Instrument :

MSVOA_U

ClientSampleId :

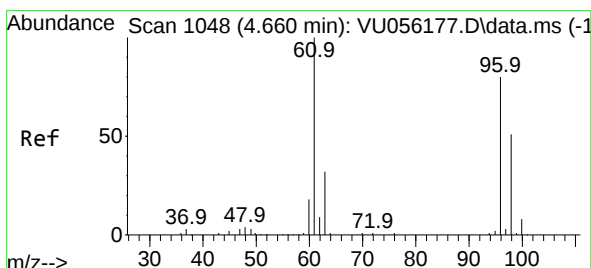
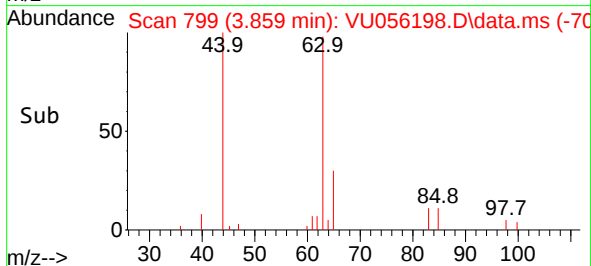
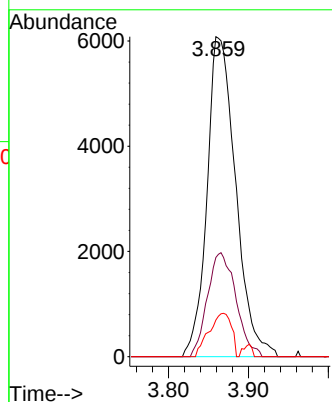
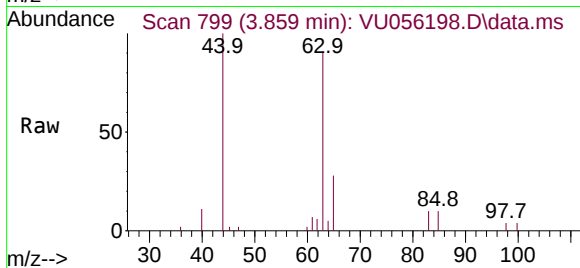
Tgt Ion: 63 Resp: 15143

Ion Ratio Lower Upper

63 100

65 31.0 20.6 38.2

83 11.5 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.809 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.007 min

Lab File: VU056198.D

Acq: 11 Nov 2023 02:39

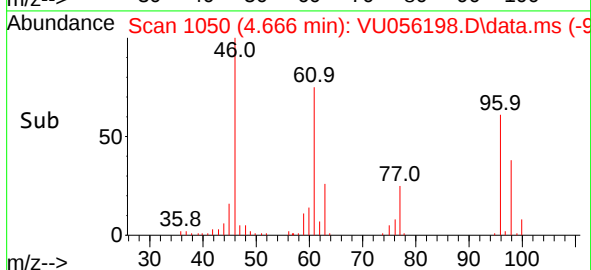
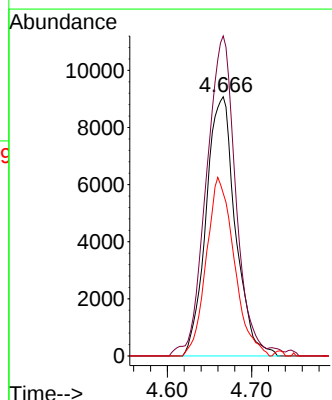
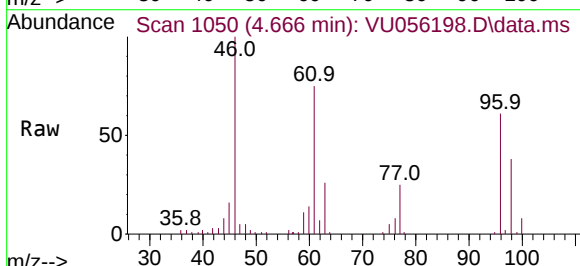
Tgt Ion: 96 Resp: 21925

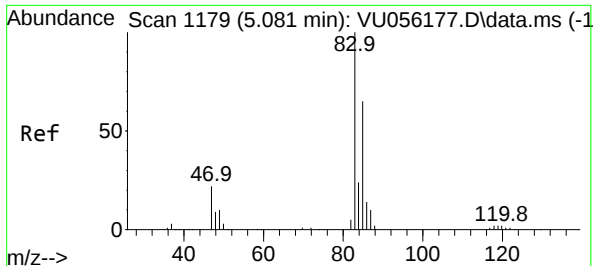
Ion Ratio Lower Upper

96 100

61 123.4 87.8 163.2

98 62.7 43.5 80.7





#25

Chloroform

Concen: 0.587 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056198.D

Acq: 11 Nov 2023 02:39

Instrument :

MSVOA_U

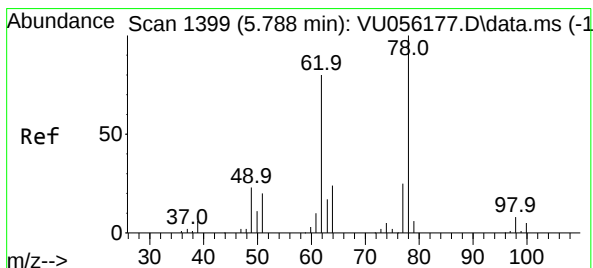
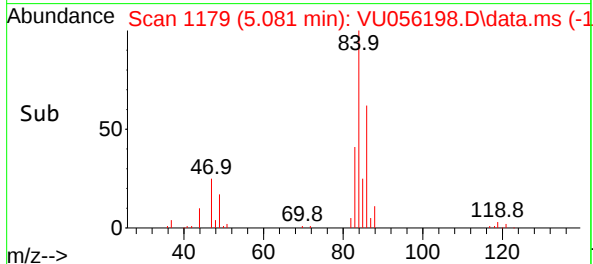
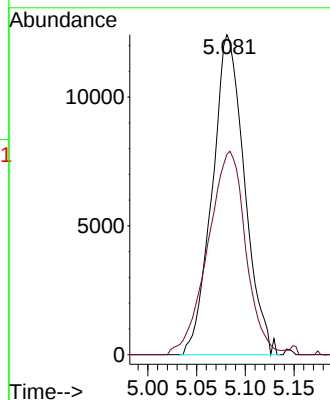
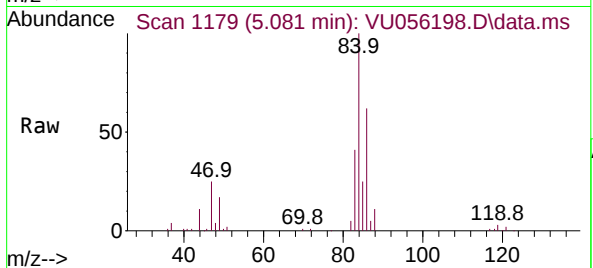
ClientSampleId :

Tgt Ion: 83 Resp: 28623

Ion Ratio Lower Upper

83 100

85 62.6 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.149 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.007 min

Lab File: VU056198.D

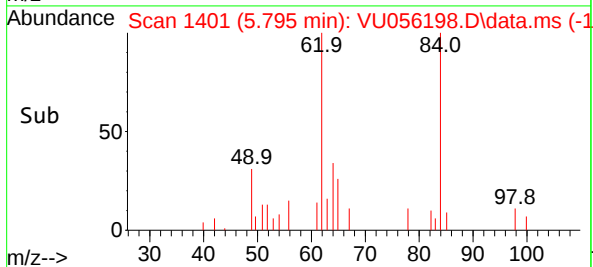
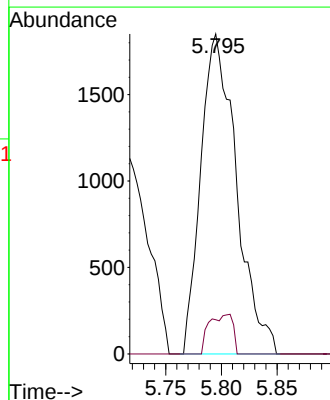
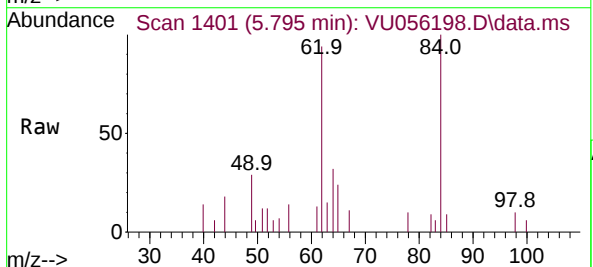
Acq: 11 Nov 2023 02:39

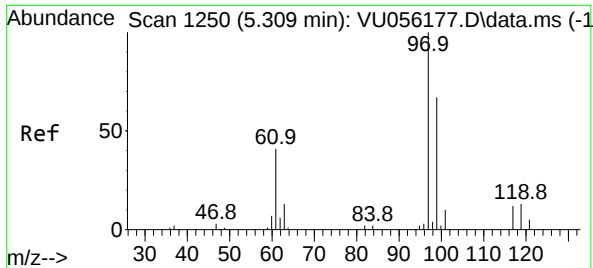
Tgt Ion: 62 Resp: 4119

Ion Ratio Lower Upper

62 100

98 10.7 7.1 10.7#





#29

1,1,1-Trichloroethane

Concen: 0.788 ug/L

RT: 5.313 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056198.D

Acq: 11 Nov 2023 02:39

Instrument :

MSVOA_U

ClientSampleId :

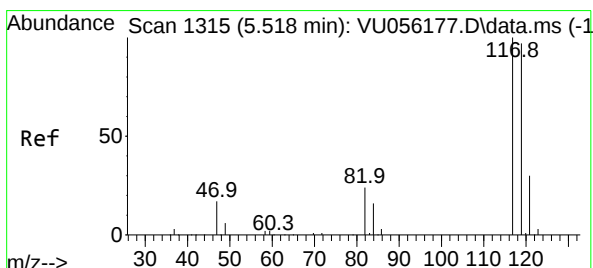
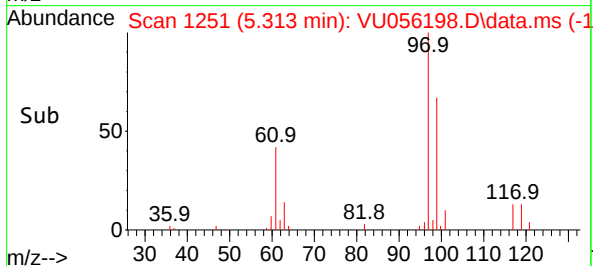
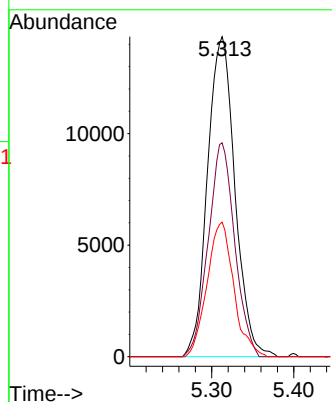
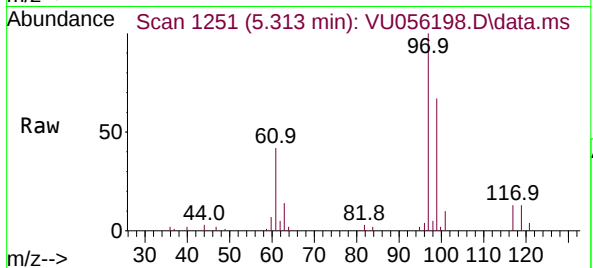
Tgt Ion: 97 Resp: 33444

Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 40.8 33.4 50.0



#31

Carbon tetrachloride

Concen: 0.409 ug/L

RT: 5.522 min Scan# 1316

Delta R.T. 0.003 min

Lab File: VU056198.D

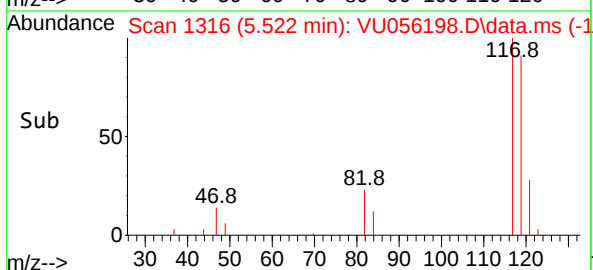
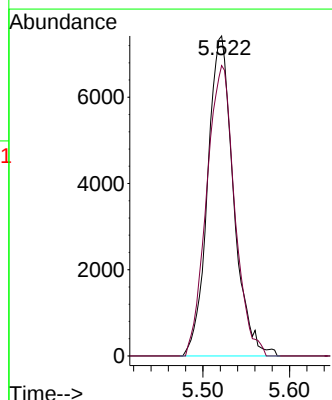
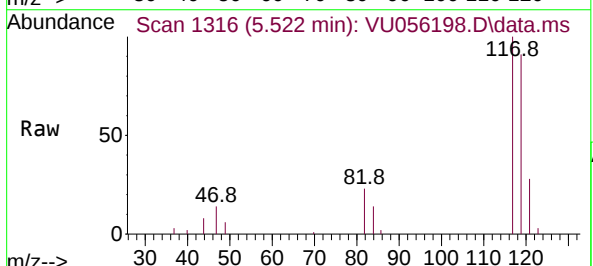
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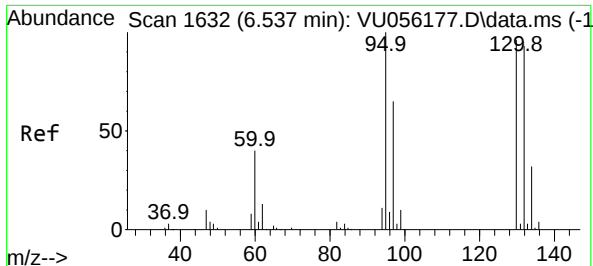
Tgt Ion: 117 Resp: 15421

Ion Ratio Lower Upper

117 100

119 97.9 77.2 115.8



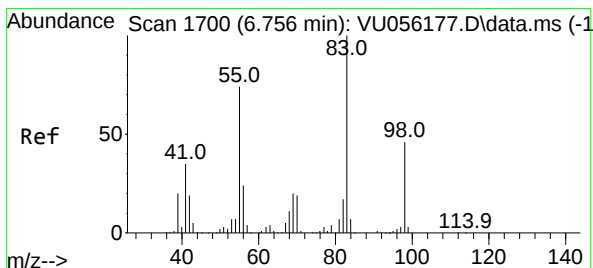
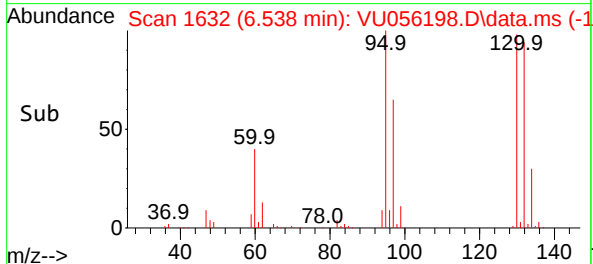
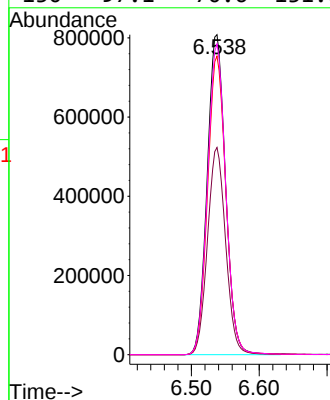
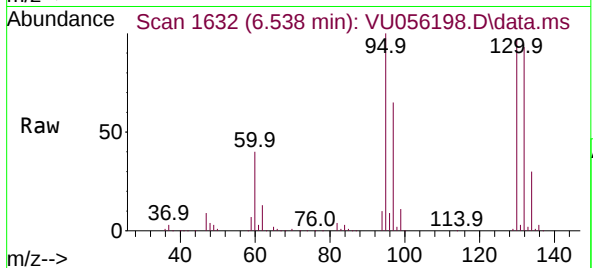


#34
Trichloroethene
Concen: 52.529 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056198.D
Acq: 11 Nov 2023 02:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1522723

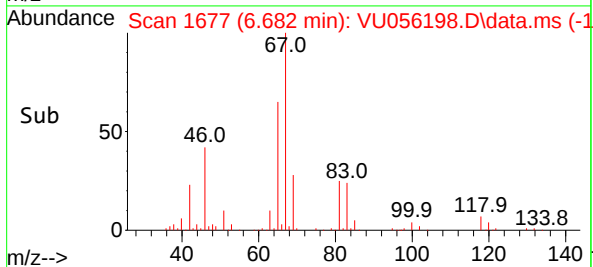
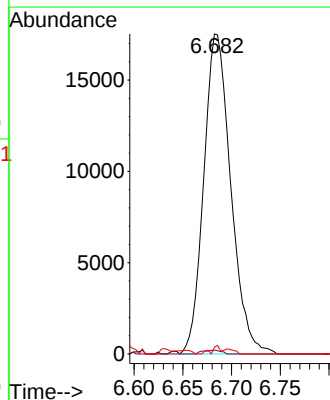
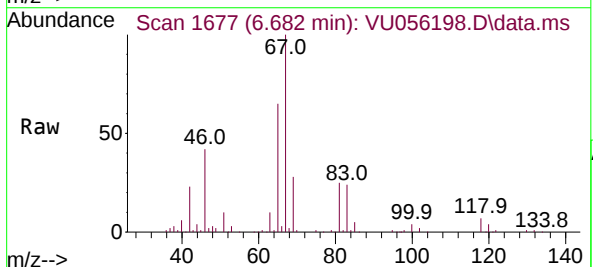
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.8	87.0
132	93.3	66.5	123.5
130	97.1	70.6	131.0

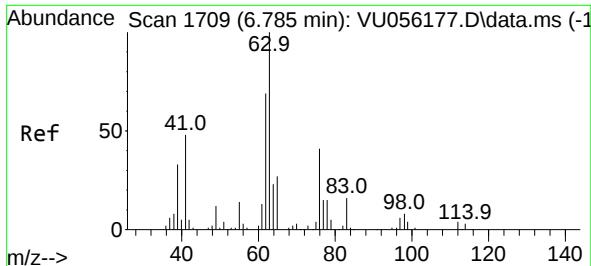


#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056198.D
Acq: 11 Nov 2023 02:39

Tgt Ion: 83 Resp: 33863

Ion	Ratio	Lower	Upper
83	100		
55	0.8	60.6	91.0#
98	0.0	36.2	54.4#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU056198.D

Acq: 11 Nov 2023 02:39

Instrument :

MSVOA_U

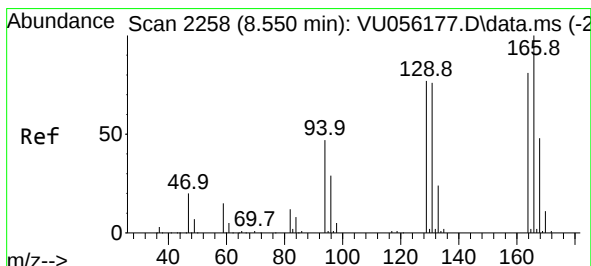
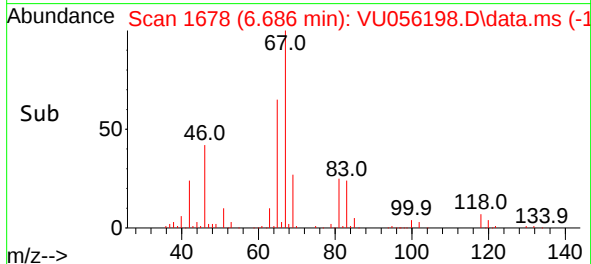
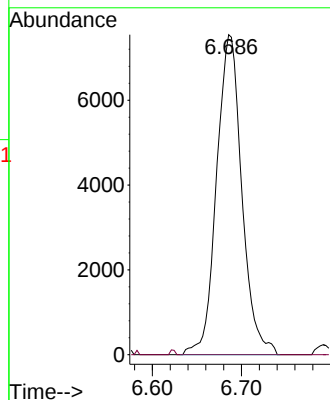
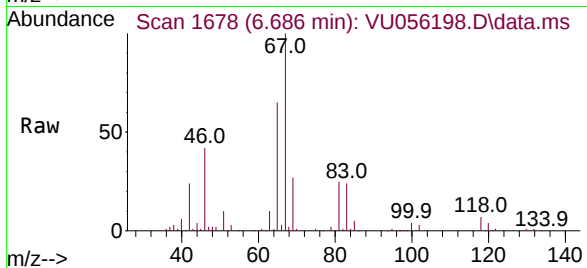
ClientSampleId :

Tgt Ion: 63 Resp: 14867

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#47

Tetrachloroethene

Concen: 2.835 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056198.D

Acq: 11 Nov 2023 02:39

Tgt Ion:164 Resp: 61673

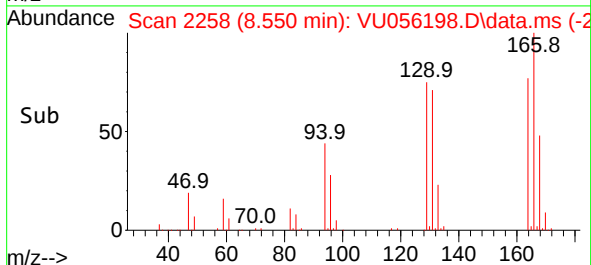
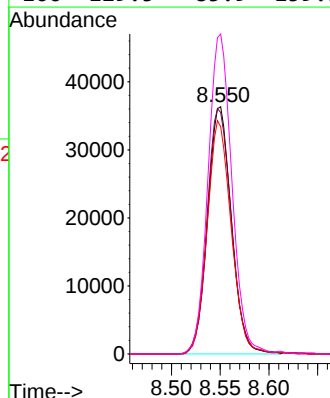
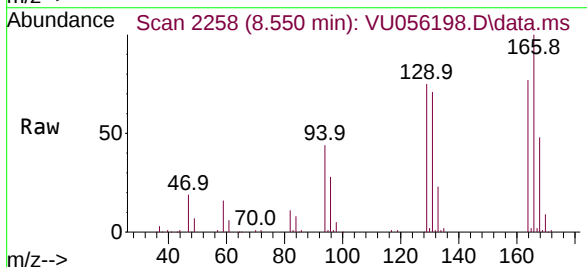
Ion Ratio Lower Upper

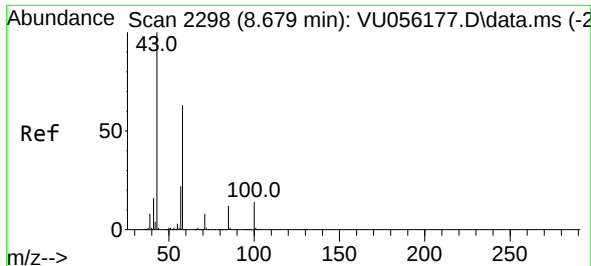
164 100

129 97.7 66.6 123.8

131 91.9 67.8 126.0

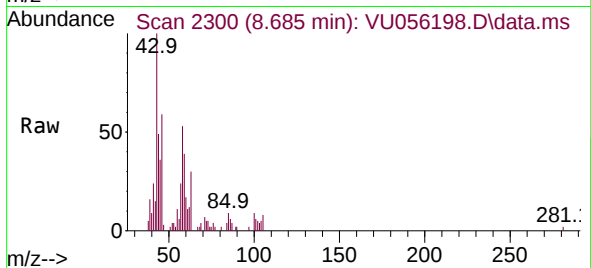
166 129.5 85.9 159.5



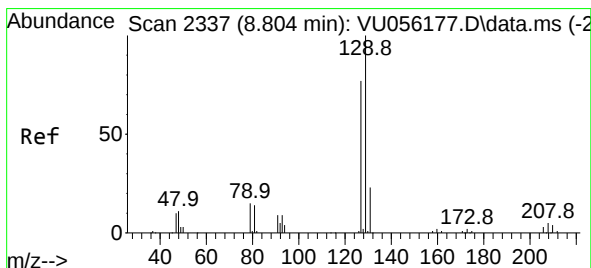
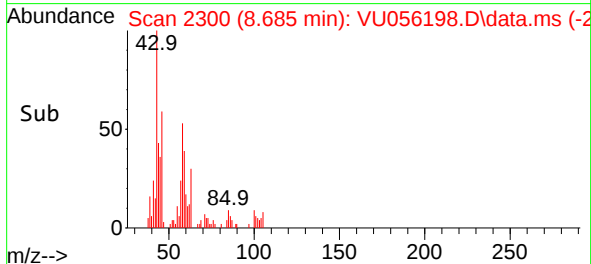
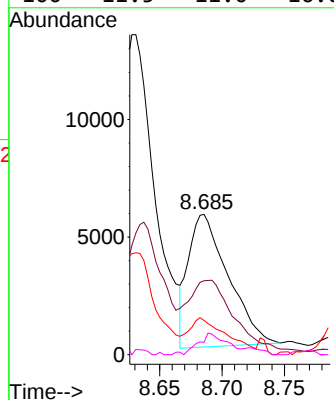


#48
2-Hexanone
Concen: 1.424 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU056198.D
Acq: 11 Nov 2023 02:39

Instrument :
MSVOA_U
ClientSampleId :

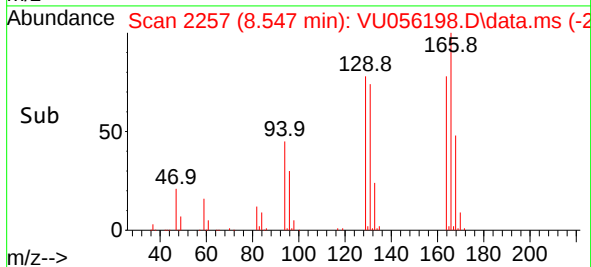
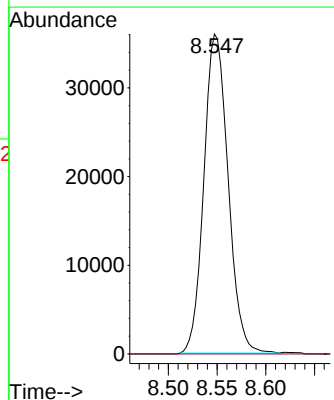
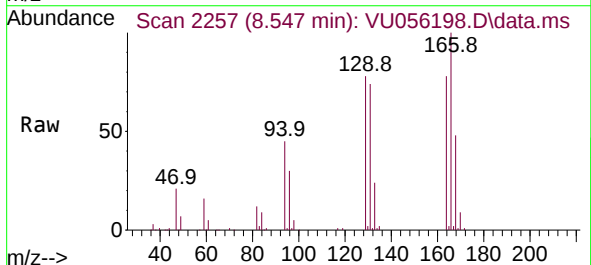


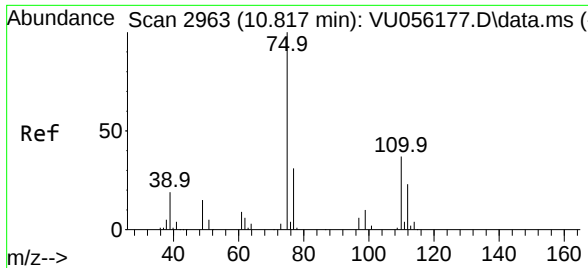
Tgt Ion: 43 Resp: 12516
Ion Ratio Lower Upper
43 100
58 62.7 52.0 78.0
57 26.7 17.4 26.2#
100 11.5 11.0 16.6



#49
Dibromochloromethane
Concen: 2.866 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056198.D
Acq: 11 Nov 2023 02:39

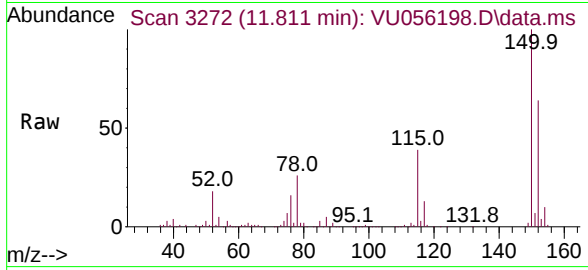
Tgt Ion: 129 Resp: 62048
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
1,2,3-Trichloropropane
Concen: 1.255 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU056198.D
Acq: 11 Nov 2023 02:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 18128
Ion Ratio Lower Upper
75 100
110 2.6 29.7 44.5#
77 33.0 25.5 38.3

